

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

SQL> INSERT INTO McaStudent
2 VALUES(1234, 'KUMAR', '07-OCT-98', SYSDATE, 15000);

1 row created.

SQL> SELECT * FROM McaStudent;

STUDID	SNAME	DOB	DOA	FEES
1234	KUMAR	07-OCT-98	04-APR-14	15000

SQL> INSERT INTO McaStudent
2 VALUES
3 (
4 Student --Default Constructor Provided By Oracle Upon The Student
Type
5 (
6 1236,
7 'SATHISH',
8 '05-SEP-99',
9 SYSDATE,
10 1300
11)
12);

1 row created.

SQL> SELECT * FROM McaStudent;

STUDID	SNAME	DOB	DOA	FEES
1234	KUMAR	07-OCT-98	04-APR-14	15000
1236	SATHISH	05-SEP-99	04-APR-14	1300

SQL> TRUNCATE TABLE McaStudent;

Table truncated.

SQL> cl scr

SQL> DROP TABLE MCAStudent PURGE;

Table dropped.

SQL> cl scr

SQL> CREATE OR REPLACE TYPE Address

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Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix

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```
2 AS
3 OBJECT
4 (
5   HouseNum          VARCHAR2 (15)
6   ,Street            VARCHAR2 (20)
7   ,City              VARCHAR2 (20)
8   ,District          VARCHAR2 (20)
9   ,State              VARCHAR2 (20)
10  ,Country            VARCHAR2 (20)
11  ,Pin                CHAR (6)
12 );
13 /
```

Type created.

```
SQL> CREATE OR REPLACE TYPE Name
```

```
2 AS
3 OBJECT
4 (
5   FirstName          VARCHAR2 (20)
6   ,MiddleName         VARCHAR2 (20)
7   ,LastName           VARCHAR2 (20)
8 );
9 /
```

Type created.

```
SQL> CREATE OR REPLACE TYPE Person
```

```
2 AS
3 OBJECT
4 (
5   Personid            NUMBER (6)
6   ,PersonFullName     NAME
7   ,PersonDOB           DATE
8   ,PersonAddress       ADDRESS
9 );
10 /
```

Type created.

```
SQL> CREATE OR REPLACE TYPE Fees
```

```
2 AS
3 OBJECT
4 (
5   TutitionFees        NUMBER (8, 2)
6   ,LabFees             NUMBER (6, 2)
7   ,SportsFees          NUMBER (6, 2)
8   ,LibraryFees         NUMBER (6, 2)
9   ,ExamFees            NUMBER (6, 2)

```

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```
10 ,TransportFees    NUMBER(7, 2)
11 ,HostelFees       NUMBER(8, 2)
12 ,MessFees         NUMBER(8, 2)
13 );
14 /
```

Type created.

```
SQL> CREATE OR REPLACE TYPE StudentColl --NESTED OBJECT Type
2 AS
3 OBJECT
4 (
5     Student          PERSON
6     ,StudentFees      FEES
7 );
8 /
```

Type created.

```
SQL> CREATE TABLE MCAStudent
2 OF
3 StudentColl;
```

Table created.

```
SQL> DESC MCAStudent
```

Name	Null?	Type
STUDENT		PERSON
STUDENTFEES		FEES

```
SQL> SET DESCRIBE DEPTH 2
```

```
SQL> DESC MCAStudent
```

Name	Null?	Type
STUDENT		PERSON
PERSONID		NUMBER(6)
PERSONFULLNAME		NAME
PERSONDOB		DATE
PERSONADDRESS		ADDRESS
STUDENTFEES		FEES
TUTIONFEES		NUMBER(8,2)
LABFEES		NUMBER(6,2)
SPORTSFEES		NUMBER(6,2)
LIBRARYFEES		NUMBER(6,2)
EXAMFEES		NUMBER(6,2)
TRANSPORTFEES		NUMBER(7,2)

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```
HOSTELFEES          NUMBER (8, 2)
MESSFEES            NUMBER (8, 2)
```

```
SQL> SET DESCRIBE DEPTH 3
SQL> DESC MCAStudent
```

Name	Null?	Type

STUDENT		PERSON
PERSONID		NUMBER (6)
PERSONFULLNAME		NAME
FIRSTNAME		VARCHAR2 (20)
MIDDLENAME		VARCHAR2 (20)
LASTNAME		VARCHAR2 (20)
PERSONDOB		DATE
PERSONADDRESS		ADDRESS
HOUSENUM		VARCHAR2 (15)
STREET		VARCHAR2 (20)
CITY		VARCHAR2 (20)
DISTRICT		VARCHAR2 (20)
STATE		VARCHAR2 (20)
COUNTRY		VARCHAR2 (20)
PIN		CHAR (6)
STUDENTFEES		FEES
TUTIONFEES		NUMBER (8, 2)
LABFEES		NUMBER (6, 2)
SPORTSFEES		NUMBER (6, 2)
LIBRARYFEES		NUMBER (6, 2)
EXAMFEES		NUMBER (6, 2)
TRANSPORTFEES		NUMBER (7, 2)
HOSTELFEES		NUMBER (8, 2)
MESSFEES		NUMBER (8, 2)

```
SQL> SPPOOL OFF
```

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